Email : sales@scilabexport.com
Phone: +91-7082934803

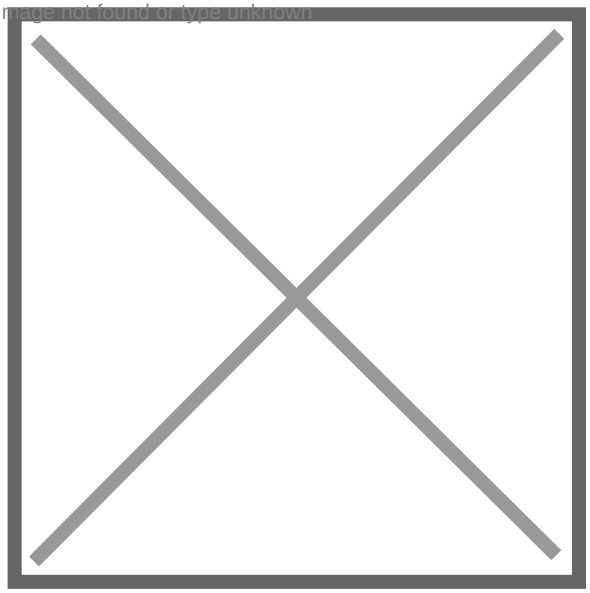
Product Name :

Iron Chloride (III)

Product Code :

SCI-589/143

Image not found or type unknown



Science Lab
Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Iron Chloride (III) (Product Code: SCI-589/143) is an analytical reagent grade iron(III) chloride, also called ferric chloride ($FeCl_3$), used to demonstrate iron(III) ion reactions and to test for phenols in school and college chemistry laboratories. Laboratories order it as a 200 g pack accompanied by an MSDS and prepare their own test solutions from it. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier to educational institutions.

Specifications

Parameter	Detail
Chemical	Iron(III) chloride (ferric chloride), $FeCl_3$
Grade	Analytical reagent
Capacity	200 g
Safety documentation	MSDS accompanies the pack
Shelf life	Shelf life depends on the chemical, its grade and storageconditions; ask us for the expiry date of the batch you are quoted.
Product code	SCI-589/143
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Ferric Chloride Used For?

Iron(III) chloride solution gives a red-brown precipitate of iron(III) hydroxide with sodium hydroxide, contrasting with the dirty-green precipitate from iron(II) salts — a standard cation test in school chemistry. In organic chemistry, a few drops of neutral ferric chloride solution give a violet or purple colour with phenols, used to identify phenolic compounds.

Electronics workshops use ferric chloride solution to etch copper from printed circuit boards, and environmental science lessons use it to show how coagulants clear muddy water. The solid absorbs moisture readily and its solutions are acidic and corrosive to metals and skin, so dispense it with a plastic or glass spatula, wear gloves and keep the container tightly closed.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab, supplies Iron Chloride (III) to schools, colleges, polytechnics, dealers and importers in India and international markets. Export consignments are shipped under Importer-Exporter Code AAECJ8618A (DGFT), and Indian buyers can register the supplier using GSTIN 06AAECJ8618A1ZT. Background on the company is on the ScienceLab profile.

Related Laboratory Equipment

Reagents and storage for iron-ion tests with ferric chloride:

Email : sales@scilabexport.com
Phone: +91-7082934803